

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

395

399

400

401

402

404

405

407

409

412

413

413 an indicator of a desired orientation of a valve; and

means for magnetically coupling with the magnet in the valve to move the magnet to change the current setting of the valve;

means for moving the magnet in the valve to move the magnet to change the current setting of the valve.

7. A method of orienting a medical device with an implanted adjustable valve with a physical characteristic that indicates a specific orientation of the valve, the method comprising the steps of:

providing a locator tool having an indicator of desired orientation of a valve and having means for coupling with the physical characteristic of the valve that indicates a specific orientation of the valve;

palpating the valve to determine its physical characteristics;

setting the locator tool over a portion of the valve so that the locator tool is mechanically coupled to the physical characteristic of the valve that indicates a specific orientation of the valve.

8. A method of indicating the current setting of an implanted adjustable valve with a physical characteristic that indicates a specific orientation of the valve and a magnet indicating a current setting of the valve, the method comprising the steps of:

providing a locator tool having an indicator of desired orientation of a valve and having means for coupling with the physical characteristic of the valve that indicates a specific orientation of the valve;

providing an indicator tool having means for magnetically coupling with a magnet in a valve indicating a current setting of the valve and having means for indicating the current setting of the valve;

palpating the valve to determine its physical characteristics;

setting the locator tool over a portion of the valve so that the locator tool is mechanically coupled to the physical characteristic of the valve that indicates a specific orientation of the valve;

coupling the indicator tool to the locator tool to align the indicator tool with the locator tool;

wherein, the current setting of the valve is indicated by the indicator tool.

9. A method of changing the current setting of an implanted adjustable valve with a physical characteristic that indicates a specific orientation of the valve and a magnet capable of changing a current setting of the valve by physical movement of the magnet, the method comprising the steps of:

providing a locator tool having an indicator of desired orientation of a valve and having means for coupling with the physical characteristic of the valve that indicates a specific orientation of the valve;

providing an adjustment tool having means for magnetically coupling with the magnet in the valve to move the magnet to change the current setting of the valve;

palpating the valve to determine its physical characteristics;

478 setting the locator tool over a portion of the valve so that the locator tool is
479 mechanically coupled to the physical characteristic of the valve that indicates a specific
480 orientation of the valve;
481 coupling the adjustment tool to the locator tool to align the adjustment tool with the
482 locator tool;
483 moving the magnet to change the current setting of the valve.
484

2025-03-27 10:54:40